

Second elongate shaft 126 has an outer surface 138, distal end 136, and a proximal end 146. In many applications it is desirable to advance distal end 136 of second elongate shaft 126 by a known distance relative to distal end 134 of first elongate shaft 124. In the embodiment of figure 1, a slider 142 is fixed to second elongate shaft 126 proximate proximal end 146 thereof. In the embodiment of figure 1, a portion of slider 142 is disposed with a cavity 148 defined by a housing 150. In a presently preferred embodiment, housing 150 is fixed to first elongate shaft 124 proximate proximal end 144 thereof. Also in a preferred embodiment, a plurality of indicia 152 are disposed on a face 154 of housing 150 proximate slider 142.

Replace the last paragraph on page 20, beginning on line 18 and continuing onto page 21 ending at line 5, with the following paragraph.

Figure 9 is a cross sectional view of a distal portion 782 of a catheter 720 in accordance with the present invention. Catheter 720 comprises a first elongate shaft 724 having an inner surface 754 defining a lumen 732. A ferrule 784 is disposed within lumen 732 proximate a distal end 734 of first elongate shaft 724. In a preferred embodiment, ferrule 784 is fixed to first elongate shaft 724. A needle 786 is slidably disposed within a ferrule lumen 794 defined by ferrule 784. A piston member 788 is disposed about a proximal portion 791 of needle 786. Piston member 788 forms a sliding seal with inner surface 754 of first elongate shaft 724. A spring 792 is disposed within lumen 732 of first elongate shaft 724. In the embodiment of figure 9, the distal end of spring 792 is seated against ferrule 784 and the proximal end of spring 792 is seated against piston member 788.

Replace the first full paragraph on page 22, beginning on line 3 with the following paragraph.

Figure 10 is a plan view of a catheter 920 in accordance with the present invention. Catheter 920 includes a distal end 930, a proximal end 940, and a shaft assembly 922. Shaft assembly 922 comprises a first elongate shaft 924 having a distal end 934, a proximal end 944, and an inner surface 954 defining a lumen 932. Shaft assembly 922 also includes a